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(54) Title: MULTI-PURPOSE CATHETERS, CATHETER SYSTEMS, AND RADIATION TREATMENT			
(57) Abstract This invention is new apparatuses and methods for treatments to be used from inside conduits or biological pathways. Examples of the biological pathways in which these new apparatuses and methods may be used include arteries, veins, and respiratory ways. Multi-purpose catheters (10) and catheter systems using structures including wires (2108), balloons (2150), and cords (2204) are described as well as methods to use such catheters and catheter systems. One of the embodiments is a configurable wire system which carries or transports radioactive sources. The wire is used in conjunction with a closed-end channel catheter.			
<p>The diagram shows a cross-sectional view of a catheter system. A central lumen is labeled 'cordes'. The outer sheath is labeled 'AO'. A side branch or catheter is labeled 'LC'. A control or guide wire is labeled 'RC'. A specific component or tip is labeled '2104'. A reference numeral '2118' points to a section of the catheter body.</p>			